

IN THE CLAIMS:

Please amend Claims 1 and 2 as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently amended) An AC/DC converter comprising:

a switching device for switching supply of a DC voltage to a primary side of a transformer, said DC voltage being obtained by rectifying and smoothing an AC voltage fed from a commercial power supply;

a rectifier circuit for rectifying a secondary side output of said transformer;

a first control circuit for controlling said switching device based on a detected voltage of an output terminal such that the voltage of the output terminal becomes a constant output voltage ~~is produced from an output terminal~~; and

a second control circuit for controlling said switching device based on the detected voltage of the output terminal such that the voltage of the output terminal becomes a predetermined voltage higher than the constant output voltage, when said first control circuit fails to control the voltage of the output terminal to become the constant output voltage.

2. (Currently amended) A power supply system comprising:

an AC/DC converter controlled based on a detected voltage of a output terminal, such that the voltage of the output terminal becomes a constant output voltage ~~is produced from an output terminal~~; and, ~~that~~ when the constant output voltage cannot be

output from said output terminal, the voltage of the output terminal becomes a predetermined voltage higher than the constant output voltage ~~is output~~; and

a DC-DC converter including a converter for converting the ~~predetermined voltage~~ output voltage from said AC/DC converter, and a protective circuit for halting the converting operation if said AC/DC converter produces the predetermined voltage.

3. (Original) The power supply systems claimed in claim2, further comprising a reset circuit for supervising the output of the DC-DC converter voltage, and for outputting a reset signal when said DC-DC converter halts the converting operation.